# Location tracking tag with button

## Main features

- Location tracking Active RFID tags
- RTLS technology
- General purpose duress button
- 24/7 location tracking supervision
- Tilt sensor
- Long battery lifespan
- Up to 100 meters

## Applications:

- Two multifunction buttons
- Personal tracking
- Asset tracking configuration
- Assisted living supervision
- Location based services, alarms and monitoring residents
- Access control

The PowerTags positioning Tag with duress button is an active RFID Tag that provides real-time supervision and tracking for personal.

The Tag uses Active Radio Frequency (RF) based Real-Time Location System (RTLS) technology, to enable real-time location tracking of people or assets.

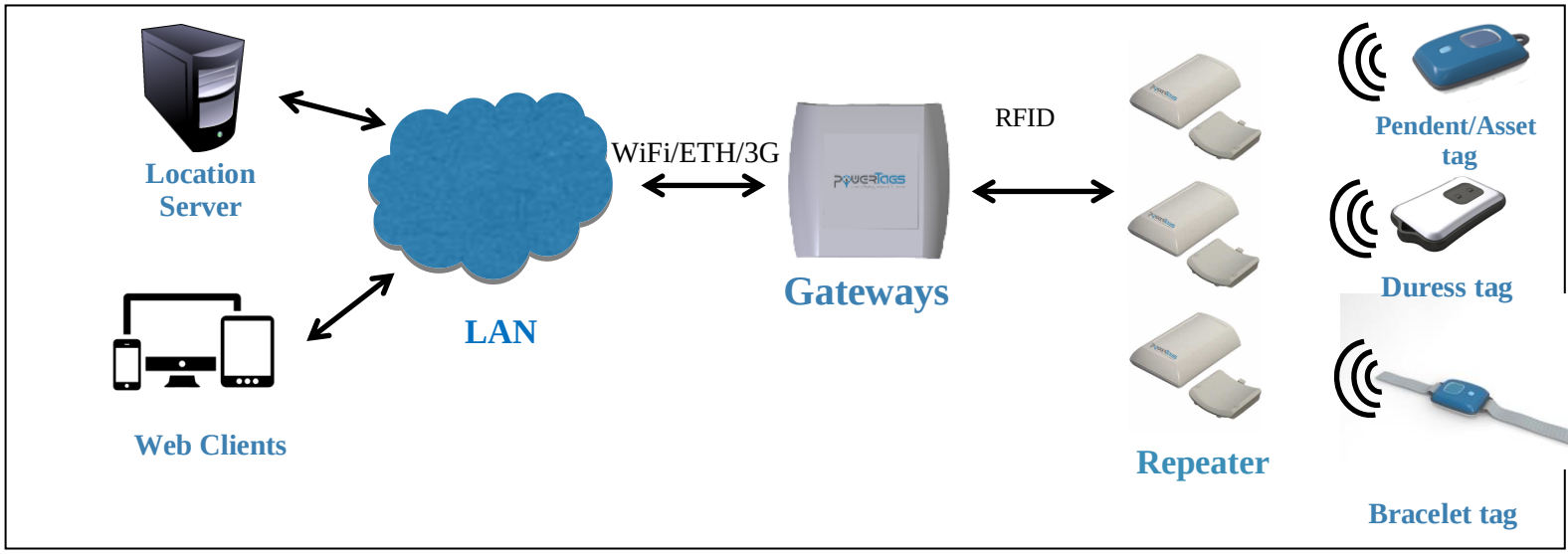
The Tag has two configurable buttons which enables the real-time notification of warnings with the tag's location to a variety of media's that includes computer stations, mobile devices via audible alarm, email or SMS.

The buttons usage can be configured via a centralized management system to perform the different operations.

The Tag contains a tilt detection sensor that enables the detection of tiny movements and increase the transmission interval to achieve better positioning while in motion.

The personal positioning tag is part of PowerTags' portfolio offering that also includes patient tracking bracelet, disposable tags, readers, gateways and management system.

**PowerTags system's overview:**




**Product specifications:**
RTLS technology…… Active RFID
IP Rating …….. IP 66 water resistance

Battery type……. CR2032 (230 mAh)
Battery average life is between ……2 Years(personal tracking) - 8 Years(equipment)
*(according to location update interval)
Standby Current – 0.04uA
Average currents in Active tracking mode – 0.032mA
Optional – multifunction button (on/off, duress, other)

Dimensions (H x W x D)……..... 55 x 34 x 11 mm
Weight……. 13.6 grams
Temperature…….-30C to 70C

Transmission Central Frequency……868 MHz(Europe) CE/ 915.5 (FCC/IC/Israel)
Hardware support Frequency…….720-970 MHz
Transmission output power/ E.I.R.P ..……1 Milliwatt (0 dBm)
Transmission output power can be configured in production from -30dBm to 12dBm (different range detection up to 100 meters)